

Variable	Mean	SD	Min	Max
Age	35.2	10.5	18	65
Gender	Male	100%		
Marital status	Married	100%		
Education	High school	100%		
Occupation	Farmer	100%		
Income	Low	100%		
Health status	Good	100%		
Smoking status	Non-smoker	100%		
Alcohol consumption	None	100%		
Family size	3.5	1.2	1	6
Household size	4.2	1.5	1	7
Land area	2.5	0.8	1	4
Water availability	Good	100%		
Soil quality	Good	100%		
Climate	Temperate	100%		
Topography	Flat	100%		
Vegetation	Forest	100%		
Wildlife	High	100%		
Human impact	Low	100%		
Conservation status	Protected	100%		
Management plan	Present	100%		
Monitoring system	Active	100%		
Research project	Active	100%		
Public awareness	High	100%		
Community involvement	High	100%		
Local government support	High	100%		
NGO support	High	100%		
Academic support	High	100%		
Media support	High	100%		
Religious support	High	100%		
Traditional support	High	100%		
Local knowledge	High	100%		
Oral tradition	High	100%		
Written records	High	100%		
Archaeological findings	High	100%		
Historical documents	High	100%		
Photographic evidence	High	100%		
Map evidence	High	100%		
Geological evidence	High	100%		
Biological evidence	High	100%		
Anthropological evidence	High	100%		
Linguistic evidence	High	100%		
Architectural evidence	High	100%		
Artistic evidence	High	100%		
Literary evidence	High	100%		
Historical context	High	100%		
Cultural context	High	100%		
Social context	High	100%		
Economic context	High	100%		
Political context	High	100%		
Environmental context	High	100%		
Geographical context	High	100%		
Temporal context	High	100%		
Methodological context	High	100%		
Theoretical context	High	100%		
Interdisciplinary context	High	100%		
Transdisciplinary context	High	100%		
Interdisciplinary research	High	100%		
Transdisciplinary research	High	100%		
Interdisciplinary collaboration	High	100%		
Transdisciplinary collaboration	High	100%		
Interdisciplinary team	High	100%		
Transdisciplinary team	High	100%		
Interdisciplinary project	High	100%		
Transdisciplinary project	High	100%		
Interdisciplinary approach	High	100%		
Transdisciplinary approach	High	100%		
Interdisciplinary methodology	High	100%		
Transdisciplinary methodology	High	100%		
Interdisciplinary framework	High	100%		
Transdisciplinary framework	High	100%		
Interdisciplinary theory	High	100%		
Transdisciplinary theory	High	100%		
Interdisciplinary model	High	100%		
Transdisciplinary model	High	100%		
Interdisciplinary concept	High	100%		
Transdisciplinary concept	High	100%		
Interdisciplinary idea	High	100%		
Transdisciplinary idea	High	100%		
Interdisciplinary hypothesis	High	100%		
Transdisciplinary hypothesis	High	100%		
Interdisciplinary prediction	High	100%		
Transdisciplinary prediction	High	100%		
Interdisciplinary conclusion	High	100%		
Transdisciplinary conclusion	High	100%		
Interdisciplinary recommendation	High	100%		
Transdisciplinary recommendation	High	100%		
Interdisciplinary suggestion	High	100%		
Transdisciplinary suggestion	High	100%		
Interdisciplinary proposal	High	100%		
Transdisciplinary proposal	High	100%		
Interdisciplinary plan	High	100%		
Transdisciplinary plan	High	100%		
Interdisciplinary strategy	High	100%		
Transdisciplinary strategy	High	100%		
Interdisciplinary tactic	High	100%		

My residence, post office address and citizenship are as stated below next to my name.

FEED ADDITIVE AND METHOD FOR CONTROLLING LARGE BOWEL FERMENTATION IN THE HORSE AND SIMILAR ANIMALS

[illegible]

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1,56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: N/A.

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below: N/A

60/254,797
Application Number

December 13, 2000
Filing Date

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application: N/A

(Serial No.)

(Filing Date)

(Status)

Serial No.)

(Filing Date)

(Status)

(Serial No.)

(Filing Date)

(Status)

(Serial No.)

(Filing Date)

(Status)

Serial No.)

(Filing Date)

(Status)

I do hereby appoint Paul M. Denk, Patent Office registration No. 22,598, with offices at 763 South New Ballas Road, St. Louis, Missouri 63141, Tel. No. (314) 872-8136, as my attorney and agent with full power of substitution and revocation, to prosecute the application above set forth, and to transact all business in the United States Patent and Trademark Office in connection therewith.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the

United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole inventor: William E. Julien

Inventor's signature: _____

Date: _____

Residence: Omaha

State of Nebraska

Citizenship: U.S.A.

Post Office Address: 11515 North 84th Street

Omaha, Nebraska 68122

U.S.A.

Applicant or Patentee: William E. Julien Attorney's
Serial or Patent No. : _____ Docket
Filed or Issued: _____ No. 7223
For: "Feed Additive and Method for Controlling Large Bowel Fermentatin in the Horse
and Similar Animals"

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(c) - SMALL BUSINESS CONCERN

I hereby declare that I am

- () the owner of the small business concern identified below:
(X) an official of the small business concern empowered to act on behalf of the concern
identified below.

NAME OF CONCERN: Biovance Technologies, Inc.
ADDRESS OF CONCERN: 11515 North 84th Street
Omaha, Nebraska 68122

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention entitled

: "Feed Additive and Method for Controlling Large Bowel Fermentatin in the Horse
and Similar Animals"

inventor(s) William E. Julien
described in:

- (X) the specification filed herewith
() the application Serial No. _____
() Patent No. _____ issued _____.

the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

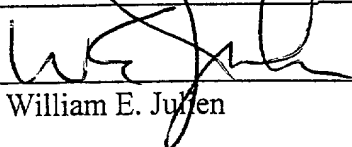
NAME _____
ADDRESS _____
() INDIVIDUAL () SMALL BUSINESS CONCERN () NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
() INDIVIDUAL () SMALL BUSINESS CONCERN () NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING William E. Julien
TITLE OF PERSON OTHER THAN OWNER President
ADDRESS OF PERSON SIGNING 11515 North 84th Street
Omaha, Nebraska 68122

SIGNATURE  Pres. / DATE 11.27.00
William E. Julien